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**CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450, on the below date:  
 Date: 7/28/05 Name: Anthony P. Curtis, Ph.D. 46,193 Signature: 

**BRINKS  
HOFER  
GILSON  
& LIONE**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Appln. of: J. Gary Eden et al.

Appln. No.: 10/047,469

Filed: January 15, 2002

For: Microdischarge Devices and Arrays Having  
Tapered Microcavities

Attorney Docket No: 10322/31

Examiner: Dalei Dong

Art Unit: 2879

Mail Stop Amendment  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

**TRANSMITTAL**

Sir:

**Attached is/are:**

Transmittal Cover Letter (1p. Filed in Dup.); Amendment (12pp.); 1 Replacement Sheet of Drawings (Figs. 2A and 2B)  
 Return Receipt Postcard

**Fee calculation:**

No additional fee is required.  
 Small Entity.  
 An extension fee in an amount of \$ \_\_\_\_\_ for a \_\_\_\_\_-month extension of time under 37 C.F.R. § 1.136(a).  
 A petition or processing fee in an amount of \$ \_\_\_\_\_ under 37 C.F.R. § 1.17(\_\_\_\_\_\_).  
 An additional filing fee has been calculated as shown below:

	Claims Remaining After Amendment		Highest No. Previously Paid For	Present Extra	Rate	Small Entity	Not a Small Entity
Total	57	Minus	76	0	x \$25=		x \$50=
Indep.	1	Minus	3	0	x 100=		x \$200=
First Presentation of Multiple Dep. Claim					+\$180=		+\$360=
					Total	\$	Total

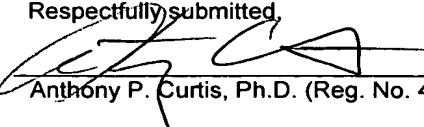
**Fee payment:**

A check in the amount of \$ \_\_\_\_\_ is enclosed.  
 Please charge Deposit Account No. 23-1925 in the amount of \$ \_\_\_\_\_ A copy of this Transmittal is enclosed for this purpose.  
 Payment by credit card in the amount of \$ \_\_\_\_\_ (Form PTO-2038 is attached).  
 The Director is hereby authorized to charge payment of any additional filing fees required under 37 CFR § 1.16 and any patent application processing fees under 37 CFR § 1.17 associated with this paper (including any extension fee required to ensure that this paper is timely filed), or to credit any overpayment, to Deposit Account No. 23-1925.

7/28/05

\_\_\_\_\_  
Date

Respectfully submitted

  
Anthony P. Curtis, Ph.D. (Reg. No. 46,193)



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Mail Stop Amendment,  
Commissioner for Patents  
P.O. Box 1450, Alexandria, VA 22313-1450 on

7/28/05

Date of Deposit

Anthony P. Curtis, Ph.D. , Reg. No. 46,193

Name of applicant, assignee or  
Registered Representative

7/18/05

Date of Signature

Our Case No. 10322-31

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	)	
J. Gary Eden et al.	)	
Serial No.: 10/047,469	)	Examiner: Dalei Dong
Filing Date: January 15, 2002	)	Group Art Unit No.: 2879
For: Microdischarge Devices and Arrays Having Tapered Microcavities	)	

## AMENDMENT

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action dated April 28, 2005, please amend the application as follows:

**Amendments to the Drawings** begin on page 2 of this paper.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 3 of this paper.

**Remarks** begin on page 8 of this paper.